

Dear Sir/Madam,

We are pleased to invite you to participate in the **Request for Quotation (RFQ) for Civil, Structural and Internal Electrification works for COAL YARD and other miscellaneous works at MRSDMM, Varvand (Pune).**

### **RFQ Overview**

- **Project Name: Civil, Structural and Internal Electrification works for COAL YARD and other miscellaneous works**
- **Date & Time: 06 February 2026, 12:00 PM**
- **Tender Closing Date & Time: 23 February 2026, 03:00 PM**

### **Vendor Registration & Participation Process**

Interested vendors are requested to email [services@ncdfimarket.com](mailto:services@ncdfimarket.com) at least **2 days prior to the bid closing date** with the following details:

- Company Name
- Contact Person Name
- Mobile Number
- Email ID
- NCDFI Registration Status (Yes/No)

The NCDFI eMarket team will provide necessary guidance regarding vendor registration and the bidding process.

### **Transaction Charges**

NCDFI eMarket will deduct **transaction charges @ 0.4% (exclusive of GST)** from the successful bidder.

### **TDS Deduction**

**TDS u/s 194-O @ 0.1%** will be deducted from the bidder's **EMD on the projected trade value** at the time of issuance of the Bid Evaluation Result.

### **Link for Bid Submission**

🔗 <https://events.ncdfimarket.com/bidder/>

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### **EMD (Earnest Money Deposit) Details**

- **EMD Amount: ₹1,00,000/-**
- **Payment Mode: NEFT / RTGS**
- **Account: NCDFI ICICI Escrow Account**
- **Account Details: Will be shared by NCDFI eMarket on the registered email ID**

### **Retention:**

5% of invoiced (RA Bills) shall be hold as retention and same shall be released on completion of the job / project.

**Post-Payment Confirmation**

After transferring the EMD, bidders must send an email confirmation to:

- [vivek@ncdfiemarket.com](mailto:vivek@ncdfiemarket.com)
- [dhruv@ncdfiemarket.com](mailto:dhruv@ncdfiemarket.com)

**EMD Confirmation Email Format:**

Bidder Name	Amount Paid (₹) (In Figures & Words)	Bank Name	UTR No. & Date
[Company Name]			

**⚠ Important:**

- The bid will be considered valid **only if the EMD amount is credited to NCDFI ICICI Escrow account on or before 22-02-2026 5 PM.**
- The RFQ will become visible to vendors **only after successful EMD deposit** into the NCDFI Escrow Account.

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**For Further Assistance**

- **Shri Vivek Suthar:** +91 9978601585
- **Shri Dhruv Patel:** +91 9978603418

We look forward to your active participation.

Warm regards,

**NCDFI eMarket Team**

## INVITATION FOR BIDS

### **MAHARASHTRA RAJYA SAHAKARI DUDH MAHASANGH MARYADIT (MAHANAND DAIRY), GOREGAON (E), MUMBAI - 400065.**

Maharashtra Rajya Sahakari Dudh Mahasangh Maryadit - MRSDMM (Mahanand Dairy) is an Apex Co-operative Dairy Federation of district/Taluka milk Union established to develop dairy industry in Cooperative sector in the state of Maharashtra.

Managing Director, **MAHARASHTRA RAJYA SAHAKARI DUDH MAHASANGH MARYADIT, MUMBAI** (hereinafter referred to as MRSDMM Which expression unless repugnant to the context or meaning thereof shall mean an include its assignees MRSDMM, Mumbai) are being invites "Online E-Tender" from reputed eligible bidders for the following works:

**Tender:**

**Date: 06/02/2026**

Sl No.	BID REF.	Description	Estimated Cost/ E.M.D. Amount	Event Start Close Date	Last date & time - Submission & opening of Bids	Completi on period
1	MRSDMM /HO/Purchase/75/24-25/ET/75 [CIVIL AND MISC WORKS AT MRSDMM]	Civil, Structural, and Internal Electrification works for COAL YARD and other miscellaneous works at <b>MRSDMM, Varvand (Pune).</b>	<b>Estimated Cost:</b> Rs. 100.00 Lakh (Inclusive of GST)  <b>EMD</b> <b>Rs. 1,00,000.00</b> (In the form of Demand Draft or through NEFT/RTGS as per Section I, Clause No. 14.)	<b>06-02-2026</b>  <b>23-02-2026</b>	<b>23-02-2026</b>  Receipt up to 15.00 Hrs. & Opening of Technical Bids at 15.30 Hrs. online at NCDFI e-Portal	<b>03 (Three)</b> Months from the date of Purchase Order.
<b>Place of work: MRSDMM, Varvand (Pune).</b>						

For further details or for downloading the bid documents, please visit web site [www.NCDFI.coop](http://www.NCDFI.coop) / [www.NCDFIeMarket.com](http://www.NCDFIeMarket.com) or contact Group Head (Purchase), MRSDMM, Mumbai (Email – [mnakhter@nddb.coop](mailto:mnakhter@nddb.coop)) on any working day. The intending bidders are required to submit their offer electronically through e-tendering portal.

For bidding, please visit: <https://www.ncdfiemarket.com/index.php/auctions-2/#tab-44753>.

No physical tender is acceptable by MRSDMM.

**1.0 Minimum Eligibility Criteria:** For the purpose of bidding, the bidder shall meet the following minimum qualifying criteria:

- a) The Bidder, in the same name and style, should be in business at least for **five years** at time of bid opening. In case of change of name of bidder by merger / acquisition / change in status, the bidder may be eligible based on the documentary evidence.
- b) The Bidder should have valid registration under various Acts that may be applicable for the contract proposed. This shall include but not limited to Income Tax, Companies Act, GST, the Building & other construction workers' welfare cess act, Employee State Insurance, Contract Labour, Provident fund etc. The Bidder shall furnish the following documents along with the bid. Failure to produce any of the documents/ details may entail rejection of their quotation:
  - i. Registration of incorporation as Firm /Proprietary/Company/ Partnership/ Society/ etc. under applicable Act
  - ii. Registration under the Gujarat State Shops and Comm. Establishment Act.  
**(In case registration is not available at the time of submission of bid, the L1 bidder shall be required to submit the same within 15 days from the date of opening of Price Bid).**
  - iii. GST Registration
  - iv. Registration under ESIC
  - v. Registration under EPF
  - vi. Labour Identification Number (LIN) from Shram Shuvidha Portal
  - vii. Registration under Income Tax
- c) The Bidder's financial turnover in the same name and style during each of the **last three financial year (22-23; 23-24; 24-25)** ending 31<sup>st</sup> March should **not be less than 60% of the estimated cost.**
- d) The bidder should have positive net worth in **last two financial years.**
- e) The bidder should have **cash profit** in any two financial years out of the last five financial years
- f) The Bidder in the same name & style shall have successfully executed /completed contracts of **Similar nature of works (\*)** during the last five years ending last day of the month previous to the month in which bid is opened, either of the following: -
  - I.** *One contract/work of similar nature costing not less than 80% of the estimated cost.*

OR

*II. Two contracts/works of similar nature each costing not less than 50% of the estimated cost.*

OR

*III. Three contracts/works of similar nature each costing not less than 40% of the estimated cost.*

**(\*) Similar nature of works mean civil & structural works executed for industrial building(s). The executed works for similar nature of work shall also include similar nature of Civil, Structural, and Internal Electrification works."**

Note: The work order of civil works pertaining to renovation, modification, alteration, addition and alteration of building and supply of man power to the client for maintenance through any kind of Annual Rate of Contract shall not be considered as similar nature of job.

The contract means the work done against one work order on a single location.

- a) Cost of contracts/works shall be considered for evaluation as per the clause 1(f) above excluding the cost/recovery of materials supplied by the purchaser.

Bidder shall submit the following details to support their claim for meeting the minimum eligibility requirement -

1. Name / Names of project to be considered for meeting minimum eligibility criteria
2. Nature of each project / work completed.
3. Value of work of each project / work completed.
4. Location of execution of each project/work completed.  
The copy of purchase order/work order, completion certificate and abstract sheet of final bill/invoice showing the cumulative value of work done should be submitted in order to support aforesaid details. In case, the final bill/invoice, does not contain cumulative value of work done, copy of all the bills/invoices submitted prior to the final bill should be attached.

**Note:**

For evaluation and comparison of bids, the purchaser may, at its discretion, ask the bidder for clarification on the bid. The shortfall information / documents shall be sought only in case of historical documents which pre-exist at the time of tender opening and which have not under gone change since then.

So far as the submission of the documents is connected with regard to qualification criteria, after submission of the tender, only related shortfall documents shall be asked for the considered. For example, if the bidder has submitted a supply order without its completion / performance certificate, the certificate can be asked for and considered. However, no new supply order shall be asked for and considered so as to qualify the bidder.

- g) In addition to the above, the following information/documents should also be submitted along with the bid by the bidders for evaluation/determination of their eligibility:
- I. Copy of Income Tax Returns and audited balance sheet for **three** previous years in original or certified true copies, along with Permanent Account Number (PAN) for income tax purpose.
  - II. Copy of TDS certificate issued by the clients to substantiate the claim for the value of works executed in the private sector.
  - III. Copy of Form 26 AS for the last 3 financial Years
- h) Even though the bidder meets the specified criteria, it may be disqualified if it has:
- I. Made untrue or false declaration in the forms, statements and attachments submitted in proof of their qualification and / or
  - II. Record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion or financial failure etc.
  - III. ~~If the bidder is overbooked beyond his capacity to execute the work as per required schedules, the bidding capacity of the bidder will be worked out by following methodology. **The available bid capacity of the bidder shall be worked out on the basis of total completion time and total estimated cost.**~~

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$$\text{Assessed Available bid capacity} = (A*N*1.5 - B)$$

Where,

~~A= Maximum turnover achieved in any one year during the last three years~~

~~N = Number of years (number of months/12) prescribed for work completion time as specified in Invitation for bid.~~

~~B= Value of on-going works to be completed during the work completion period.~~

**2.0 PURCHASE OF BIDDING DOCUMENT IN PERSON:** Not Applicable.  
Only Downloading.

**3.0 PURCHASE OF BIDDING DOCUMENT BY COURIER/POST:**  
Not Applicable. Only Downloading.

**4.0 PRE BID MEETING: (Not applicable for this work)**

**5.0 OPENING OF BIDS:** All the bidders should submit their online bids in Part I – Technical Bid and Part II – Price Bid. The technical bid (Part I) shall contain all the details EXCEPT FOR THE PRICE. Only technical bids (of those bidders whose Original EMD, in acceptable form, have reached the office of MRSDMM as mentioned above in clause no. 5-Bid Details (m) of this Section) shall be opened online on the date and time specified above. The date and time of opening of Price Bid (Part II) shall be communicated later to all eligible bidders.

**6.0 BID VALIDITY:** The Bid shall remain valid for a period of **120 (One Hundred Twenty) days** from the date of bid opening as mentioned above.

**7.0 ~~BID SECURITY VALIDITY:~~** ~~The bid security accompanying the bid shall be valid till~~

**TENDER DRAWINGS:** Drawing(s) are attached with this bidding document and the same shall be available for reference at the office of the MRSDMM, at the address of communication on all working days.

**8.0 RIGHTS RESERVED BY MRSDMM:** The Maharashtra Rajya Sahakari Dudh Mahasangh Maryadit - MRSDMM (Mahanand Dairy) at its sole discretion & without assigning any reason thereof reserves the right to accept and / or reject any or all the bids.

**Issued by:**

**Group Head (Purchase),  
MRSDMM, Mumbai**

**CONSTRUCTION OF COAL YARD AND INSTALLATION OF GALVALUME SHEETING OVER COMPOUND WALL as per Approved Design & Drawings at MRSDMM Varvand.**

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**1. SCOPE OF WORK**

1. Supply, fabrication, manufacturing, transportation, pre-assembly, erection, painting, inspection, and testing of an **over ground structural coal stockyard shed** for overall dimensions **9000 mm × 44370 mm**, complete in all respects.
2. The coal stockyard shall be fully covered with a structural shed along the entire coal heap length.
  - Adequate clearance shall be provided from all moving parts of the **Stacker Cum Reclaimer** in all directions.
  - Provision shall be made for **dozer entry, exit, and movement** throughout the shed.
3. The scope includes **civil, structural, mechanical, electrical, and fire-fighting works** required for completion of the coal stockyard shed.
4. Construction of **boundary wall of approx 10 ft height above existing RCC compound wall**, including:
  - MS I-beams, MS square pipes, gate I-beams
  - Galvalume / GI sheets (0.4 mm thick)
  - Proper fixing with approved screws and accessories
  - All materials shall be supplied by the contractor as per BOQ
5. **Dismantling of existing MS compound wall structure** and construction of new MS framework and sheeting as per approved specifications.
6. Work shall be executed strictly as per approved drawings:
  - Drawing No. **ARC-CSS-01**
  - Drawing No. **STR-COM-01**
  - Approved BOQ
7. Contractor shall **maximize coal storage capacity** by efficient utilization of available space.

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**2. FASTENERS & ROOFING FIXING**

1. Roofing sheets shall be fixed using **self-drilling, special coated fasteners** conforming to **AS 3566 – Corrosion Resistance Class 3**, tested for **1000 hours salt spray**.
2. Fastener spacing:
  - Transverse direction: equal to trough pitch or **250 ±100 mm**, whichever is lesser
  - Longitudinal direction: at every runner / purlin location

3. Alternatively, **J/U type hooks** may be used with similar spacing criteria.
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### **3. GENERAL TECHNICAL REQUIREMENTS**

1. Contractor shall study **BOQ and drawings** thoroughly before submission of offer.
    - o Non-compliant offers are liable for rejection.
  2. Any deviation or change due to site condition or standard practice shall require **prior written approval from MRSDMM**.
  3. All supplied materials must be **measurable and supported with valid test certificates / documents**.
  4. Any item missed in BOQ but essential for completion shall be **quoted separately with justification**.
  5. Electrical and fire-fighting works shall be strictly **as per BOQ and specifications**.
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### **4. SAFETY, HOUSEKEEPING & DAMAGE PREVENTION**

1. Contractor shall take all necessary **safety precautions**:
    - o MS barricading
    - o Helmets, safety shoes, PPE
    - o Caution boards, red flags, lights, and barriers
  2. Contractor shall be fully responsible for **any accident** at site.
  3. Site shall be maintained **clean and orderly**; debris shall be periodically removed.
  4. Any damage to MRSDMM property or adjacent structures shall be **repaired at contractor's cost**.
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### **5. MATERIAL MAKES (APPROVED)**

Key recommended makes (or approved equivalent):

- MS Pipes: **TATA / Jindal / Asian**
  - Valves: **Audco / Zoloto / SANT / Leader**
  - Fire Fighting Pumps: **Grundfos / Kirloskar / Wilo**
  - Sprinklers & Accessories: **Tyco / Viking / HD Fire**
  - Fire Alarm System: **GST / Ravel / Honeywell Morley**
  - Paint: **Asian / Berger**
  - Cables: **Polycab**
  - Electrical accessories: **CPRI approved**
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## 6. GENERAL CONDITIONS OF CONTRACT (SUMMARY)

- **PRICE:** The price quoted must be firm and free from escalation. The price should be inclusive of taxes as applicable. The amount towards the taxes so considered and included in the price should be indicated and shown separately as % of base price. Bidder should clearly state the percentage of discount if offered by him. Any incremental taxes and levies on account of delay in execution of purchase order by bidder will be on bidder's account. Bidder shall be responsible for selection of appropriate HSN/ SAC code and applicable GST thereon for the items quoted by them.
  - THE QUOTED RATE SHOULD BE INCLUSIVE OF ALL TAXES, LEVIES ETC, freight, insurance etc FOR at site.
  - The techno –commercially qualified / accepted bids shall be evaluated on overall total cost basis.
  - Completion as per stipulated time and accepted rates
  - All dismantling, excavation, labour, machinery in contractor's scope
  - Workmanship as per IS standards and best practices
  - Scaffolding, lifting, curing, wastage, tools, transportation included
  - Inspection rights reserved by **Mahanand Dairy / MRSDMM**
  - Warranty valid for entire defect liability period (12 months from the handing over / completion of the project)
  - Insurance, transportation, unloading, erection in contractor's scope
  - Payment shall be made within 30 days against the duly certified submitted bills for the executed works (RA Bills).
  - Retention: 5% of invoiced (RA Bills) shall be hold as retention and same shall be released on completion of the job / project.
  - GST TDS as per section 51 of CGST Act 2017 will be deducted, if applicable.
  - **LIQUIDATED DAMAGES:** If the bidder fails to deliver any or all the goods or perform the services within the time period(s) specified in the purchase order/contract, the MRSDMM shall, without prejudice to its other remedies under the purchase order/contract, deduct from the purchase order/contract price, as liquidated damages, a sum equivalent to:
    - (a) 0.5% of full contract value for each week of delay or part thereof.
    - (b) ~~0.5% of the value of the delayed items/services only, for each completed week of delay~~
- The total amount so deducted shall not exceed 10% of the purchase order/ contract value. Once the maximum is reached, the MRSDMM may consider cancellation/ termination of purchase order/ contract, and forfeiture of performance/ deposit bond.
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## **7. DRAWINGS & APPROVALS**

- Drawings and specifications are **mutually explanatory**
  - In case of discrepancy, decision of **Mahanand Dairy** shall be final
  - Contractor to submit layout plans, construction methodology, and shop drawings for approval
  - One approved drawing set to be maintained at site at all times
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## **8. COMMENCEMENT & COMPLETION**

- Work to commence **immediately after award**
- Completion certificate shall be issued after satisfactory completion and testing.
- Work Completion should be within timeline.
- Preventive maintenance to be attended during warranty period.

**CANCELLATION OF CONTRACT AND REFUND OF ADVANCE:** MRSDMM shall be free to cancel the order either in full or in part, in the case of non-delivery of material/ non completion of installation within the stipulated delivery period or breach of any of the clauses mentioned herein. In the event of cancellation of order, the supplier/ contractor will be liable to refund the advance, if paid, along with interest at the rate of 9% per annum on the advance paid for the entire period for which the advance was lying with the supplier/ contractor. The supplier/ contractor has no right to forfeit the advance amount received by him and shall have to return the advance amount with accrued interest calculated @9% p.a.

**BILL OF QUANTITIES**

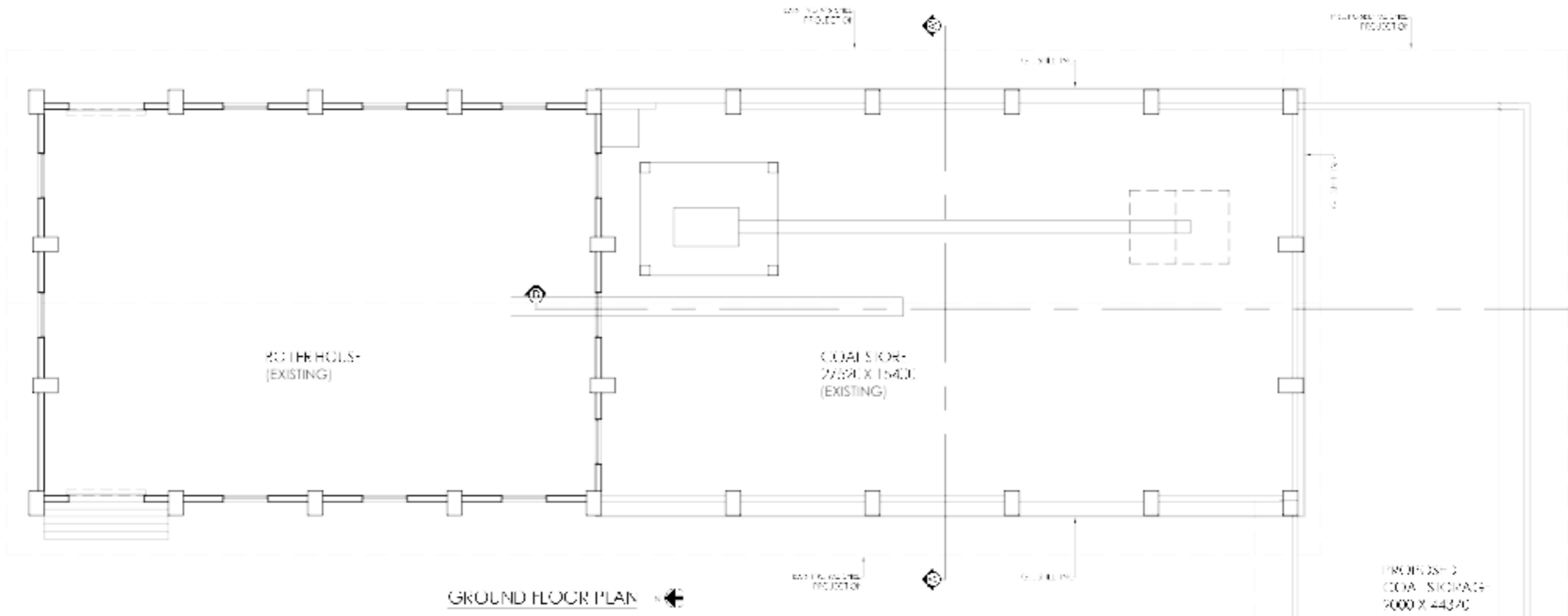
Sr.No.	ITEM DESCRIPTION	UNIT	RATE	TOTAL COST	
				Final Qty.	Amount
<b>1)</b>	<b>1251 EARTH WORKS</b>				
i)	EXCAVATION FROM GL UPTO 1.5M DEEP-ALL SOILS	CUM		195.00	
ii)	EXCAVN FROM 1.5 M - 3.0 M DEEP-ALL SOILS	CUM		97.00	
iii)	EXCAVATION IN ROCK UPTO 1.5M FROM EXISTING GL - MECHANICALLY	CUM		-	
iv)	EXCAVATION IN ROCK FROM 1.5 M -3.0 M DEEP - MECHANICALLY	CUM		-	
v)	FILL IN PLINTH WITH EXCAVATED EARTH AVAILABLE WITHIN THE SITE	CUM		33.00	
vi)	P&F IN PLINTH WITH EARTH/ MURRUM BROUGHT FROM OUTSIDE SITE	CUM		34.00	
vii)	P & F LOCAL SAND IN TRENCHES, PLINTH ETC	CUM		15.00	
viii)	P & L 150MM METAL SOLING IN PLINTH	CUM		71.00	
ix)	CARTING AWAY EXCAVATED SURPLUS EARTH/ DEBRIS	CUM		182.00	
x)	ANTI-TERMITE TREATMENT	SQM		10.00	
<b>2)</b>	<b>1203 CONCRETE</b>				
i)	P&L M/C.MIXED PCC 1:4:8	CUM		49.00	
ii)	P&L M/C.MIXED PCC 1:3:6	CUM		1.00	
iii)	P&L M25 CONCRETE UPTO HIGHEST PLINTH LEVEL	CUM		140.00	
iv)	P&L M-25 FOR RCC STRCUTURE TO ALL HEIGHT FROM HIGHEST PLINTH LEVEL	CUM		47.00	
v)	P&E STEEL / PLY WOOD SHUTTERING BELOW GL & UPTO HPL	SQM		238.00	
vi)	P&E STEEL / PLY WOOD SHUTTERING UPTO ALL HEIGHTS FROM PL	SQM		348.00	
vii)	SUPPLY & MIXING WATER PROOFING CHEMICALS WITH CEMENT	LTR		5.00	
viii)	PROVIDING & GROUTING FDN BOLT / POCKET FOR M/C. FDN. ETC.	CUM		1.00	
ix)	PROVIDING AND FIXING OF REINFORCEMENT STEEL DOWEL BAR 8 MM	NO		10.00	
x)	PROVIDING AND FIXING OF REINFORCEMENT STEEL DOWEL BAR 10 MM	NO		10.00	
xi)	PROVIDING AND FIXING OF REINFORCEMENT STEEL DOWEL BAR 12 MM	NO		10.00	
xii)	PROVIDING AND FIXING OF REINFORCEMENT STEEL DOWEL BAR 16 MM	NO		10.00	
xiii)	PROVIDING AND FIXING OF REINFORCEMENT STEEL DOWEL BAR 20 MM	NO		10.00	
xiv)	PROVIDING & APPLYING BONDING AGENT	LTR		5.00	
xv)	PROVIDING AND FIXING M-25 PRE-CAST CEMENT CONCRETE SLAB, 50-150MM THICK	CUM		1.00	
<b>3)</b>	<b>1205 MASONRY WORKS</b>				
i)	B/W IN CM 1:6 UPTO HPL	CUM		10.00	
ii)	B/W IN CM 1:6 IN SS AT ALL HT. ABOVE HPL	CUM		44.00	
iii)	P & C BURNT CLAY BRICK MASONRY PARTITION IN CM 1:4 FOR 125 MM THICK WALL	SQM		10.00	
<b>4)</b>	<b>1209 FINISHING WORKS</b>				
i)	P&A 12 MM TH PLASTER IN CM 1:4 AT ALL HT. & BELOW PL	SQM		167.00	
ii)	P&A 19 MM TH PLASTER IN CM 1:4 AT ALL HT. & BELOW PL	SQM		29.00	
iii)	P&A 19 MM TH. SAND FACED CEMENT PLASTER AT ALL HT.	SQM		122.00	
iv)	PLASTIC EMULSION PAINT ON NEW/OLDWORK AT ALL HT	SQM		149.00	
v)	P&F 24 GAUGE CHICKEN WIRE MESH AT ALL HEIGHT	SQM		20.00	
vi)	P&A SYNTH. ENAMEL/ FLAT PAINT ON WALLS AT ALL HEIGHT	SQM		20.00	
vii)	PROVIDING AND APPLYING APEX WEATHER PROOF EXTERIOR ACRYLIC EMULSION PAINT	SQM		150.00	
viii)	PROVIDING AND APPLYING SYNTHETIC ENAMEL PAINT/FLAT PAINT ON RCC KERB	SQM		5.00	
ix)	P&A SYNTHETIC ENAMEL PAINT OVER EXISTING MS STRUCTURES.	SQM		200.00	
<b>5)</b>	<b>1211 FLOORING WORKS</b>				
i)	50 MM TH IPS FLOORING- UNDERLAYER 38MM & TOP LAYER 12MM	SQM		10.00	
ii)	PROVIDING,MIXING & LAYING FLOOR HARDENER.	KG		1,699.00	
iii)	EXTRA FOR VACCUM DE-WATERING & FINISHING ABOVE FINISHED CEMENT M-20/ M-25/ M-30 CONCRTE FOR VD FINISH (IN SQM)	SQM		425.00	
iv)	P&L POLYTHENE SHEET BELOW GRADE SLAB	SQM		425.00	
<b>6)</b>	<b>1213 STEEL WORKS</b>				
i)	P & F MS GRILL RAILING, LADDER ETC.	KG		100.00	
ii)	PROVIDING, FABRICATING & FIXING MS INSERTS.	KG		300.00	
iii)	F & E MS SECTION FOR STRUCTURAL GIRDERS WITH ROLLED STEEL SECTION	KG		32,891.00	



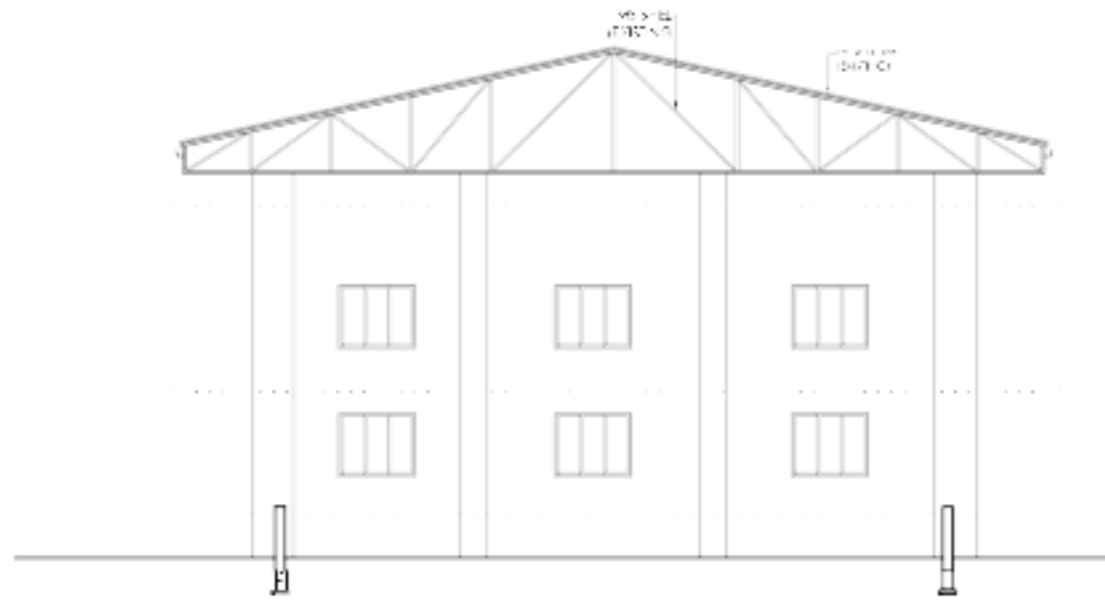
Sr.No.	ITEM DESCRIPTION	UNIT	RATE	TOTAL COST	
				Final Qty.	Amount
iv)	Supply, laying, installation, testing and commissioning of armoured cables PVC insulated, FRLS aluminium / copper conductor of the following sizes duly cleated on wall / RCC beam / slab / column / structural steel with GI heavy duty patti spacers and GI saddles with necessary drilling and welding on structural steel etc. complete including supply and fixing aluminium tag numbers at every two meter etc, complete to the satisfaction of EIC (Verify the actual length as per the cable schedule and preparing the drum length before procurement)				
v)	3 x 2.5 sq.mm Cu. 2XWY cable	mts		225.00	
<b>14)</b>	<b>END TERMINATIONS</b>			-	
				-	
i)	End termination of following PVC / XLPE insulated armoured cables including supply and fixing of brass heavy duty double compression type cable glands with PVC hoods and crimping type long barrel heavy duty copper / aluminium lugs (as per conductor of cable) suitable for terminations of armoured cables, including making connection / terminations of all leads of cables, including drilling and tapping of equipment for cable entries as required and including all labour and materials complete to the satisfaction of E.I.C			-	
ii)	3 or 4 C x 4 Sq.mm Cu 2XWY Cable	nos	360.00	2.00	
iii)	3 or 4 C x 2.5 Sq.mm Cu 2XWY Cable	nos	245.00	16.00	
iv)	PVC Heavy duty PG gland suitable for 3 x 1.5 sq.mm Cu. PVC sheathed PVC insulated flexible cable from Junction box to each lighting fixtures including all necessary termination complete to the satisfaction of EIC	nos	115.00	16.00	
				-	
<b>15)</b>	<b>CABLE TRAY AND STRUCTURAL STEEL :</b>			-	
i)	Supply, erection, fabrication and jointing of following size GI hot dip galvanized cable tray with all accessories such as bends / cross / reducers / Tee, with covers or without covers and clamps, GI hardwares, other accessories etc. as per drawing and specification complete in line and level etc. complete to the satisfaction of EIC (Galvanisation thickness shall not be less than 75 micron)			-	
ii)	100 x 25 x 2.0 mm Perforated cable tray with 110 x 10 x 2.0 mm plain GI hotdeep cover	mts		50.00	
				-	
iii)	Supply, erection, fabrication, cutting, welding and installation of structural steel using m.s. angles, flats, channels etc. as per drawing and specification with one coat of red-oxide paints and two coats of approved enamel paints with all hardwares such as anchor fastners, GI nutbolts and washers etc. complete to the satisfaction of EIC.	kgs		100.00	
				-	
<b>16)</b>	<b>EARTHING SYSTEM :</b>			-	
				-	
i)	Providing and making Ashlok type pipe-in-pipe earth pits T-19 , 3000 mm long, hot deep GI pipes, outer pipe 50mm dia. 18 SWG & inner pipe 25 mm dia, 12 SWG wall thickness, duly filled with high conductive and anti-corrosive crystalline conductive mixture with all necessary specially back-filled material duly mix with soil and Precast chamber 450 mm (L) x 450 mm (W) x 450 mm (D). CI cover etc complete as per ISI 3043-1987. (Result required Min. 0.5-0hm)	nos		1.00	
				-	
ii)	Supply and laying of following Hot deep G.I. Earth strip or copper earth strip for earthing with all required jointing / cutting / welding complete with all hardwares and all welded joints to be painted with black bitumin paints and to be wrapped with jute complete to the satisfaction of E.I.C			-	
iii)	8 SWG GI wire	mts		75.00	
<b>16)</b>	<b>JUNCTION BOXES :-</b>			-	
				-	
i)	Supply and installation of 100 mm x 100 mm x 60 mm junction box as per drawing. Junction box duly fabricated from 16 SWG hot deep G.I. sheet with top cover of 16 SWG hot deep GI cover plate, neo-prene gasket inside, all required hardwares, necessary knock-out all sides suitable for 4 x 4 / 3 x 2.5 sq.mm Cu. YWY / 2XWY cables glanding complete with 15 A terminals inside the junction complete to be installed on wall / RCC / steel structure with necessary drilling / welding etc. complete to the satisfaction of EIC	nos.		8.00	
				-	
<b>17)</b>	<b>LIGHTING FIXTURES</b>			-	



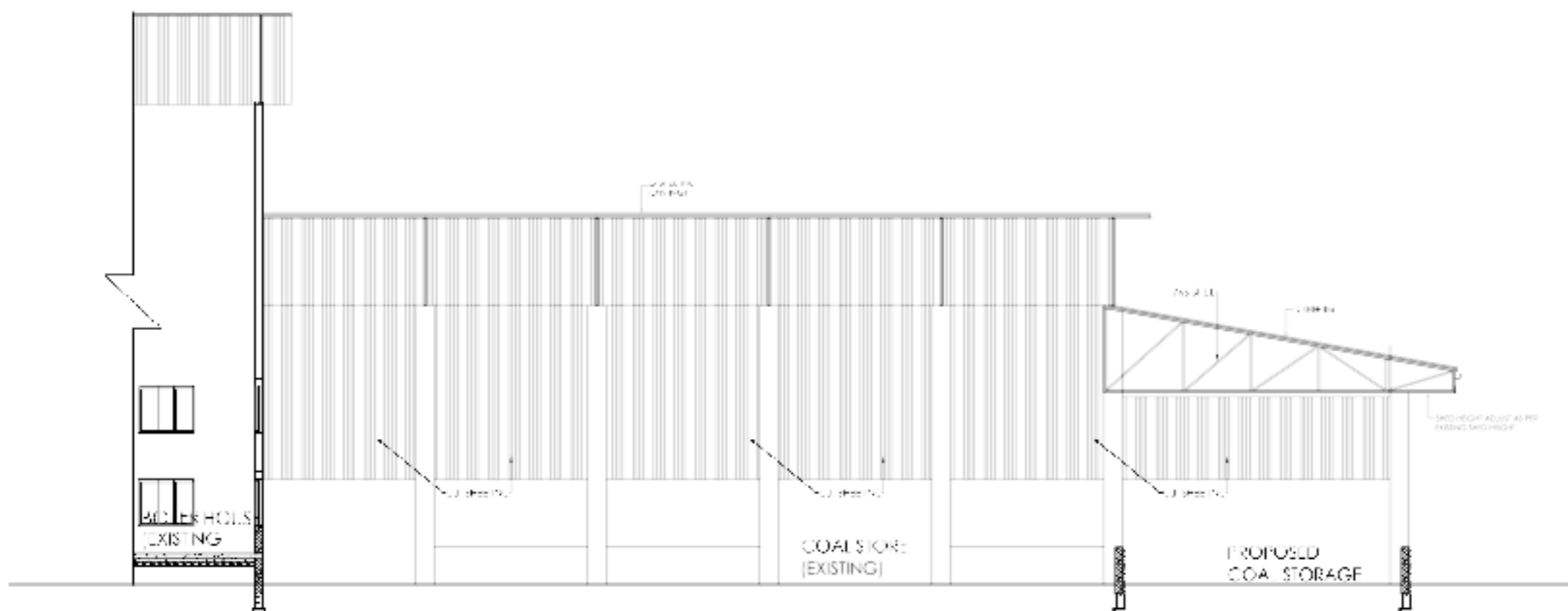




GROUND FLOOR PLAN



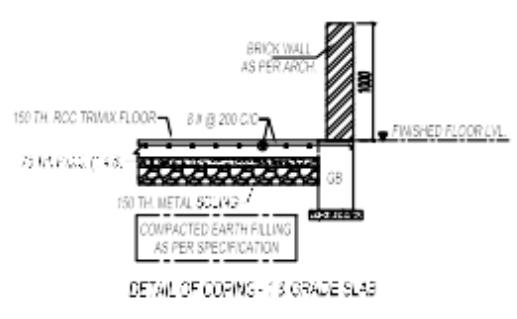
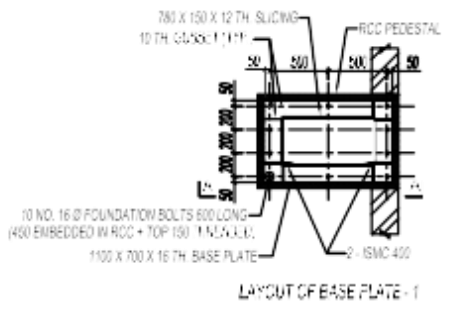
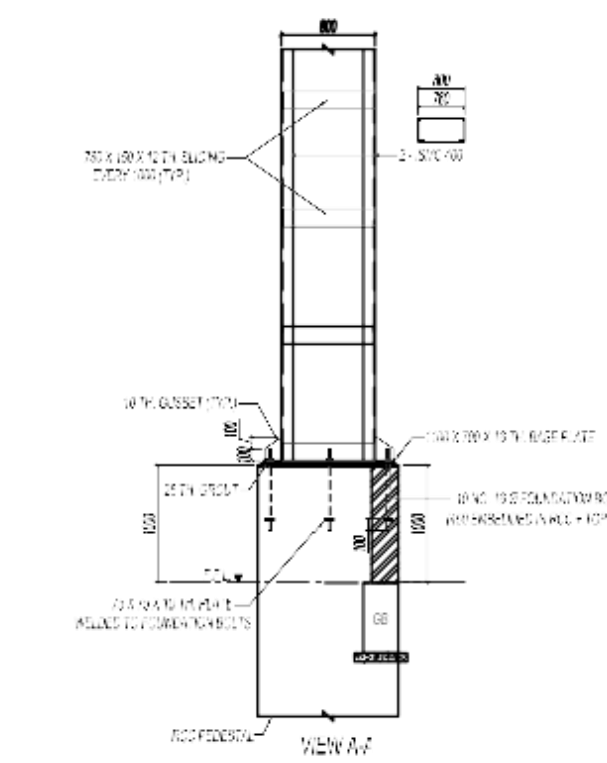
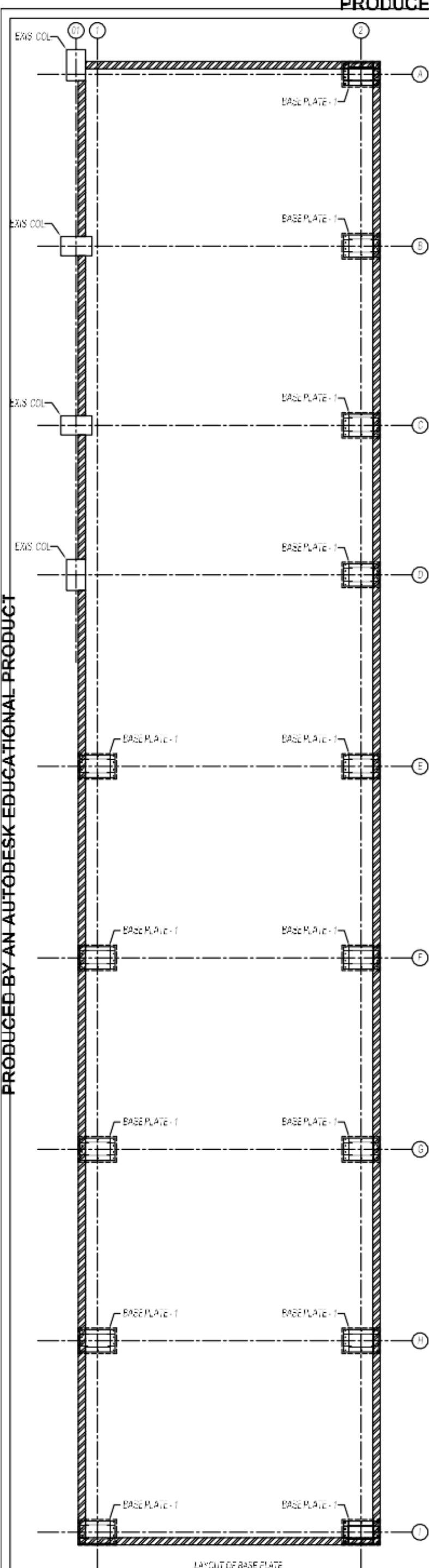
SECTION - A - A



SECTION - B - B

REVISIONS NO. DATE 1 12/08/2025 2 12/08/2025			DATE: 12/08/2025 PROJECT: RAJESH CHOPRA STR-250 CLIENT: PUNE ZILLA SAHAKARI DOOH UTPADAK SANGH MARYADH PUNE AT G. NO. 2704/B VARYAND			PROJ. CON.: <b>AKASH SHAI &amp; ASSOCIATES</b> CONSULTING STRUCTURAL ENGINEERS 101/1, PULJUNG, PUNE 411004, INDIA. PH: 9820027750 101/1, PULJUNG, PUNE 411004, INDIA. PH: 9820027750		
DESIGN	DRAMA	CHKD	DATE	NO.	BY	DATE	NO.	BY
ISSUED FOR	WORK	APPROVAL	DATE	NO.	BY	DATE	NO.	BY





**IMP. NOTE**  
 ANCHOR BARS IN EXISTING CONCRETE  
 USE CHEMICAL ANCHORING OF APPROVED MAKE

**MATERIAL SPECIFICATION**  
 1. CONCRETE AND CURABLE GRADUE OF GRADE M25 conforming to IS 456 : 2000  
 2. STEEL denotes the size of Fe500 grade conforming to IS 1786

**GENERAL NOTES**  
 1. REFER DRAWING STR - CSS - 01 FOR GENERAL NOTES  
 2. REFER THE CONTRACT CONDITIONS AND SPECIAL ARRANGEMENTS D.D.O.

REFERENCE	NO.	DATE	BY	CHKD	DATE	REV.
HRM-WR	2/1/2021	21/11/21				
PRO-CSS-01	GROUND FLOOR PLAN	21/11/21				
CELL NO.	AS PER PLAN					

NO.	DATE	ISSUED FOR	SCALE	TENDER	VEGETATION	CONTROL	DESIGNING
01	21/11/21						

PROJECT: PUNE ZILLA SAHAKARI DUDH UTPADAN SANGH  
 MARYADITH PUNE AT G.NO. 2104/B VARIYAND  
 CLIENT: PUNE ZILLA SAHAKARI DUDH UTPADAN SANGH  
 PROJECT: VARIYAND

ARCHITECT: ARASHI SHIRSI & ASSOCIATES

**ARASHI SHIRSI & ASSOCIATES**  
 CONSULTING ENGINEERS

CELL NO. 3076 DRA NO. STR - CSS - 01 REV. NO. 0

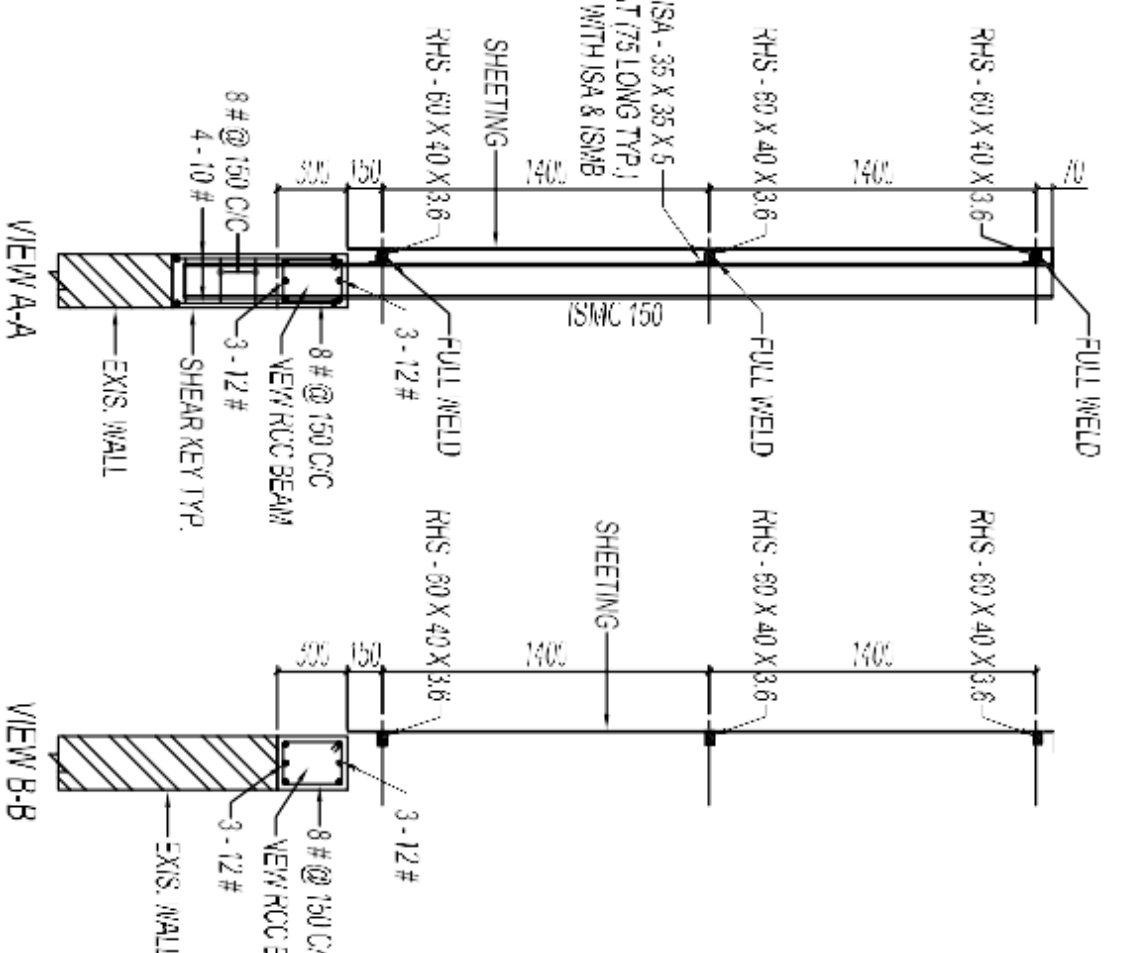
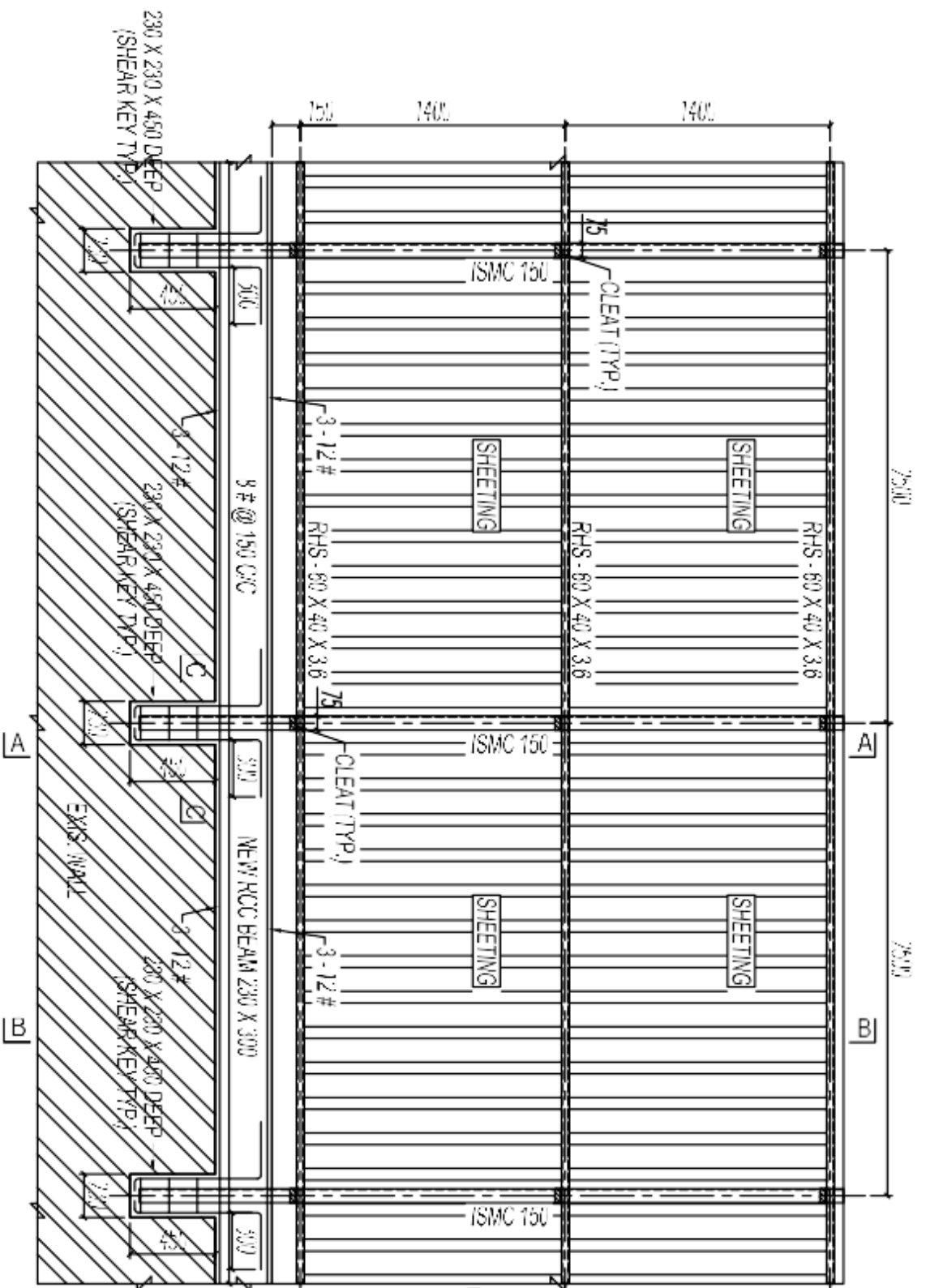
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TYPICAL ELEVATION FOR COMPOUND WALL

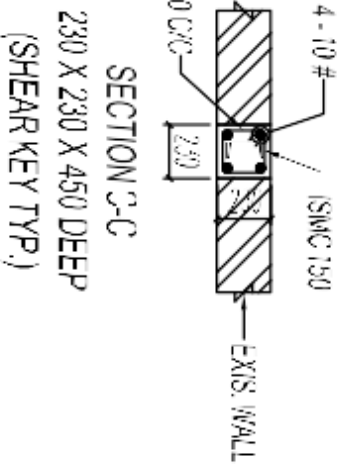


**MATERIAL SPECIFICATION:**

1. CONCRETE IN RCC MEMBERS SHALL BE OF GRADE **M25** CONFORMING TO IS 456 J.N.O.
2. # DENOTES THAT BAR OF **Fe500** GRADE CONFORMING TO IS 1786.

**NOTES:-**

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
2. ALL STRUCTURAL STEEL CONNECTIONS SHALL BE 6mm C.P. WELDED UNLESS OTHERWISE STATED.
3. ALL STRUCTURAL MEMBERS SHALL BE OF YST 250 GRADE OF APPROVED MAKE CONFORMING TO IS:2062 GR-A.
4. ALL STRUCTURAL STEEL WORK SHALL BE PAINTED WITH ONE COAT OF RED OXIDE ZINC CHROMATE PRIMER.
5. SUITABLE FOR SYNTHETIC ENAMEL PAINT BEFORE ERECTION.
6. CONFIRM ALL DIMENSION WITH RELEVANT CIVIL DRAWINGS.
7. GRADE OF BOLT FOR MANUFACTURING CONSIDER 4.6



SECTION 3-C  
230 X 230 X 450 DEEP  
(SHEAR KEY TYP.)

REVISIONS		REFERENCE	
NO.	DATE	DESCRIPTION	REV.
0	05/12/25		

NO.	DATE	DESCRIPTION	REV.
0	05/12/25		

NO.	DATE	DESCRIPTION	REV.
0	05/12/25		

ARCHITECT: AKASH SHAH & ASSOCIATES

PROJECT: PUNE ZILLA SAHAKARI DUDH UTPADAK SANGH  
MARYADITH PUNE AT G.NO. 2104/1B VARVAND

CLIENT: PUNE ZILLA SAHAKARI DUDH UTPADAK SANGH, MARYADITH PUNE AT G.NO. 2104/1B VARVAND

PROJECT CONSULTANT:

**AKASH SHAH & ASSOCIATES**  
CONSULTING STRUCTURAL ENGINEERS

103, VICE REGAL, PUNEMARGAR-15, OLD PADRA ROAD, WADODARA-420015  
Ph: +91 7600665960 Mail: asa.rddh@gmail.com

JOB NO: 3076 DRG. NO: STR - COM - 01 REV. NO: 0